

MISSISSIPPI WEEKLY WEATHER & CROP REPORT



Mississippi
Agricultural
Statistics Service

U.S. Department of Agriculture
Mississippi Department of Agriculture &
Commerce
The Mississippi Cooperative
Extension Service
U.S. Dept. Of Commerce

P.O. Box 980
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WEEK ENDING: March 24, 1991

RELEASED: March 25, 1991

3:00 P.M.

WEATHER SUMMARY (NATIONAL WEATHER SERVICE):

Two frontal systems moved through the state during the week. The first storm dropped light rain on Sunday with the rain ending Sunday night over the southeast. Rainfall amounts were generally a half inch or less. High pressure prevailed for Tuesday through Thursday with generally fair weather and temperatures rising to above normal after midweek. A surge of moist and unstable air ahead of the next frontal system on Friday set the stage for another round of thunderstorms over mainly north Mississippi. A few of the storms became severe with large hail, damaging winds and tornadoes. Flash flooding occurred in the northeast as over 2 inches of rain with hail fell within 40 minutes at Iuka. This gave Iuka the greatest one day total with 2.56 inches and the greatest weekly total with 2.84 inches. Precipitation averaged near 1/2 inch or about 0.9 inch below normal.

CROP SUMMARY: There were 4.3 days suitable for fieldwork last week compared to 3.1 days last year and 2.9 for the 5-year average. Soil moisture was rated 85% adequate, 13% surplus and 2% excessive, with a temperature of 63 degrees. Hay supply was rated 74% short, 26% adequate, while feed grain was rated 35% short, 65% adequate. The main farm activities were fertilizing wheat, feeding cattle and land preparation.

Wheat was 50% jointing compared to last year's 71% and 59% for the 5-year average. Wheat conditions were rated 12% poor, 63% fair, 23% good and 2% excellent. Watermelons were 16% planted compared to 8% last year and 10% for the 5-year average. Livestock was rated 8% poor, 20% fair, 63% good and 9% excellent. Corn was 19% planted compared to last year's 9% and 14% for the 5-year average.

"COMMENTS"

TALLAHATCHIE CO AGT "A lot of land was worked up this week."

CALHOUN CO AGT "Field conditions dried enough for some farmers to start land preparation for cotton planting. Need sunshine & dry weather to get pastures growing. Potato farmers have begun bedding potato seeds to produce plants."

PRENTISS CO AGT "Many farmers are applying fertilizer to their wheat as weather permits. Very little field work has taken place due to rainy weather."

MADISON CO AGT "Much of the corn acreage has been planted this week. Winter grazing beginning to look good."

CLAY CO SCS "Corn planting did begin this past week. Soil temperatures are holding at a safe level in order for seed germination."

CLAIBORNE CO AGT "Cool season grazing is in excellent condition. Cotton and corn planting should begin very soon if dry weather continues."

PIKE CO AGT "Farmers were able to get corn for silage planted prior to the rain last weekend. Grazing crops look good except for acreage needing to be topdressed."

WAYNE CO AGT "Windy conditions dried the soil out quickly. Farmers are taken advantage of these good conditions because rain is expected."

LAFAYETTE CO SCS "Over the last week weather has been better suited for farming activities. Grass in pastures especially fescue is starting to look real good."

TIPPAH CO AGT "Limited disking. Low land is still wet. Rain is in forecast for next few days."

LOWNDES CO AGT "Corn planting is in full swing, but rain of any amount will stop it. Wheat and grazing is really greening up."

STATE STATISTICIAN
DICK KNIGHT

STATISTICIAN
JERRY BURNEY

MID-SOUTH AGRICULTURAL WEATHER SERVICE CENTER, STONEVILLE, MISSISSIPPI
 WEATHER SUMMARY FROM 03/17/91 TO 03/23/91 FOR MISSISSIPPI

DISTRICT/ STATION	AIR TEMPERATURE					PRECIPITATION				4 INCH SOIL TEMPERATURE				EVAP AVE
	MAX	MIN	AVE	NORM	DFN	ONE WEEK	RAIN DFN	FOUR DAYS	FOUR WEEKS	MAX	MIN	AVE		

1. UPPER DELTA														
TUNICA	80	41	60	53	7.6	.27	-.97	2	2.35	75	50	60	.13	
CLARKSDALE	78	41	60	54	5.4	.71	-.48	3	3.63	69	45	57	.15	
CLEVELAND	80	41	60	54	5.8	1.09	-.41	3	3.30					
EXTREME/AVERAGE	80	41	60	54	6.3	.69	-.62	3	3.09	75	45	59	.14	
2. NORTH-CENTRAL														
MEMPHIS AP	79	44	64	53	11.1	.53	-.73	3	1.55					
HOLLY SPRINGS ES	M	M	M	51	M	M	M	M	M	M	M	M	M	
OXFORD ES	M	39	M	52	M	M	M	M	M					
EXTREME/AVERAGE	79	44	64	52	11.1	.53	-.73	3	1.55	M	M	M	M	
3. NORTHEAST														
CORINTH	82	33	61	53	7.7	1.29	-.06	2	3.26					
IUKA	80	30	58	53	4.9	2.84	1.49	2	5.65					
BOONEVILLE	79	37	59	52	7.4	1.16	-.38	3	3.36					
PONTOTOC ES	80	34	60	53	6.6	1.34	-.32	3	3.57	70	45	57	.20	
TUPELO AP	81	37	63	54	9.2	1.33	-.28	2	3.35					
VERONA ES	80	35	61	54	7.0	.76	-.85	2	3.27	72	42	55	.14	
EXTREME/AVERAGE	82	30	60	53	7.1	1.45	-.07	2	3.74	72	42	56	.17	
4. LOWER DELTA														
STONEVILLE ES	82	41	61	55	6.1	.91	-.36	2	2.99	73	50	62	.18	
GREENWOOD AP	83	38	63	56	7.4	.33	-1.14	2	3.05					
BELZONI	M	M	M	56	M	M	M	M	M	M	M	M	M	
ROLLING FORK	84	39	62	56	5.9	.03	-1.30	1	2.70	75	43	58	M	
YAZOO CITY	85	39	62	57	5.2	.29	-1.11	1	3.14					
EXTREME/AVERAGE	85	38	62	56	6.1	.39	-.98	2	2.97	75	43	60	.18	
5. CENTRAL														
WINONA	83	32	60	54	6.1	.25	-1.22	1	2.87					
CARTHAGE	86	37	63	56	6.8	.23	-1.17	2	4.33					
JACKSON AP	86	38	66	57	8.1	.20	-1.14	1	2.72					
EXTREME/AVERAGE	86	32	63	56	7.0	.23	-1.18	1	3.31					
6. EAST-CENTRAL														
STATE UNIVERSITY	M	35	M	55	M	M	M	M	M	M	50	M	M	
COLUMBUS AFB	81	38	64	55	8.6	.53	-1.01	1	3.65					
BROOKSVILLE ES	82	41	62	56	7.0	.40	-1.03	3	3.39					
EXTREME/AVERAGE	82	38	63	55	7.8	.47	-1.02	2	3.52	M	M	M	M	
7. SOUTHWEST														
VICKSBURG	83	42	63	58	5.1	.16	-1.21	1	2.01					
OAKLEY ES	83	37	63	58	4.5	.08	-1.25	2	2.14	81	45	61		
CRYSTAL SPRINGS	84	43	64	58	6.2	.03	-1.30	1	3.00	73	49	61		
ALCORN ES				58		M	M	M	M					
NATCHEZ	82	40	66	60	6.1	.04	-1.36	1	2.01					
EXTREME/AVERAGE	84	37	64	58	5.5	.08	-1.28	1	2.29	81	45	61		
8. SOUTH-CENTRAL														
MC COMB AP	87	42	67	59	7.5	.06	-1.29	1	2.85					
COLUMBIA	85	42	66	60	5.9	.05	-1.28	1	3.42					
EXTREME/AVERAGE	87	42	67	60	6.7	.05	-1.29	1	3.14					
9. SOUTHEAST														
NEWTON ES	83	36	62	57	5.0	.08	-1.39	1	2.82	70	47	59		
MERIDIAN AP	82	37	65	57	8.1	.13	-1.41	1	4.17					
LAUREL	83	41	63	58	5.4	.00	-1.42	0	5.39					
HATTIESBURG	85	43	65	59	5.5	.13	-1.29	1	5.03					
BEAUMONT ES	84	40	64	59	4.2	.00	-1.42	0	5.99	74	49	63		
EXTREME/AVERAGE	85	36	64	58	5.6	.07	-1.39	1	4.68	74	47	61	M	
10. COASTAL														
POPLARVILLE ES	84	45	65	61	3.9	.04	-1.22	1	4.78	80	53	66	.18	
BAY ST. LOUIS	87	47	68	62	6.5	.00	-1.27	0	7.08					
GULFPORT	81	47	66	61	4.6	.09	-1.10	2	5.41					
BILOXI	80	49	66	61	5.1	.36	-.85	1	4.15					
PASCAGOULA	82	44	63	62	1.6	.96	-.44	1	5.00					
EXTREME/AVERAGE	87	44	66	61	4.3	.29	-.98	1	5.28	80	53	66	.18	

STATE SUMMARY														
AVERAGES	63	56	6.6			.48	-.91	3.64		60	.16			
MAXIMUM SOIL TEMPERATURE						81 AT OAKLEY ES		ON 3/22/91						
MINIMUM SOIL TEMPERATURE						42 AT VERONA ES		ON 03/20/91						
DFN = DEPARTURE FROM NORMAL														

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